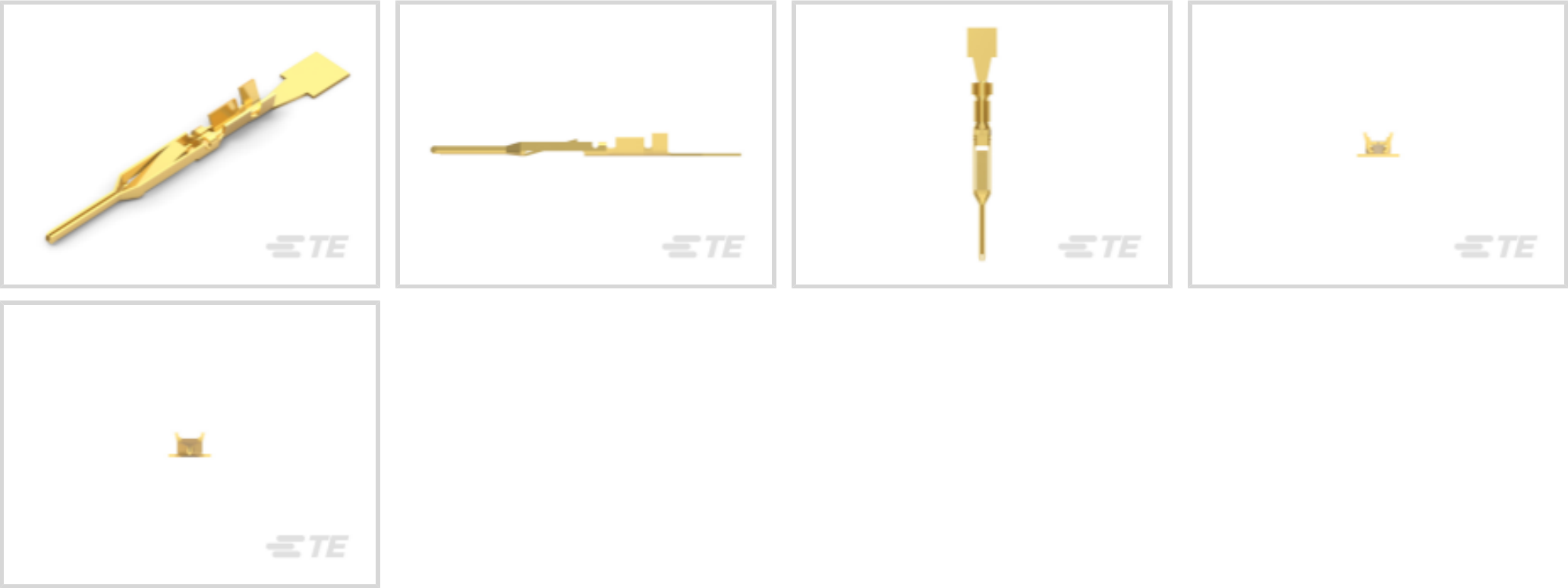




TE Internal #: 86656-2
FFC Contacts, .1 in [2.54 mm] Centerline, Discrete Wire, Pin, Gold /
Gold Flash over Palladium Nickel, Reel, Insulation Displacement
(IDC)
[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Contacts >
2.54mm FFC Connectors Pin Contacts



Centerline (Pitch): 2.54 mm [.1 in]
Compatible With Wire & Cable Type: Discrete Wire
Contact Type: Pin
Contact Mating Area Plating Material: Gold, Gold Flash over Palladium Nickel
Packaging Method: Reel

[All 2.54mm FFC Connectors Pin Contacts \(34\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

	15 µin
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Mating Area Plating Material	Gold, Gold Flash over Palladium Nickel
Contact Current Rating (Max)	2 A

Termination Features

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Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

Accepts Conductor Width	1.27 mm, 1.82 mm
Wire Size	.2 – .4 mm ²
Compatible Insulation Diameter Range	1.02 – 1.42 mm[.04 – .056 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Reel
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Other

Connector Contacts Comment	Crimp Control Monitor 567561-2 for AMP-O-ELECTRIC., Use Extraction Tool No. 91092-1 for end locking slot and Extraction Tool No. 91093-1 for side locking lance slot.
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Product Compliance

For compliance documentation, visit the product page on TE.com>

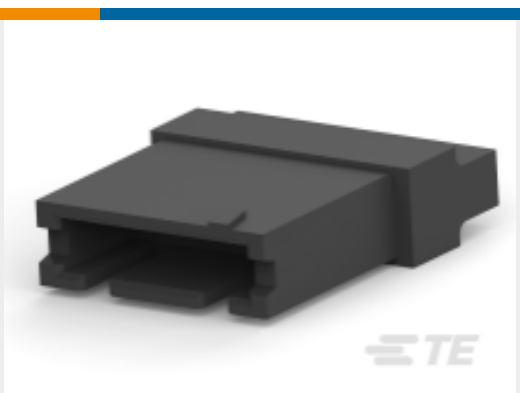
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer



This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 2-487406-6 RCPT CONTACT,STD PRESS,FFC	 TE Part # CAT-F439-R2435254 2.54mm FFC Connectors Receptacle Housing	 TE Part # 485893-5 007 HOUSING FFC PIN 100CL SR	 TE Part # 485893-8 010 HOUSING FFC PIN 100CL SR
 TE Part # 485893-9 011 HOUSING FFC PIN 100CL SR	 TE Part # 1-485893-4 016 HOUSING FFC PIN 100CL SR	 TE Part # 3-88189-2 006 HOUSING FFC PIN DR 100CL	 TE Part # 1-88189-0 026 HOUSING FFC PIN DR 100CL
 TE Part # 3-88189-0 010 HOUSING FFC PIN DR 100CL	 TE Part # 485897-2 004 HOUSING FFC PIN 100CL SR	 TE Part # 1-485893-6 018 HOUSING FFC PIN 100CL SR	 TE Part # 1-485893-8 020 HOUSING FFC PIN 100CL SR
 TE Part # 3-88190-0 010 HOUSING FFC PIN DR 100CL	 TE Part # 485893-6 008 HOUSING FFC PIN 100CL SR	 TE Part # 485893-3 005 HOUSING FFC PIN 100CL SR	 TE Part # 485893-4 006 HOUSING FFC PIN 100CL SR





TE Part # 485893-2
004 HOUSING FFC PIN 100CL SR



TE Part # 1-485893-1
013 HOUSING FFC PIN 100CL SR



TE Part # 1-485893-3
015 HOUSING FFC PIN 100CL SR



TE Part # 3-88190-4
016 HOUSING FFC PIN DR 100CL

Customers Also Bought



TE Part #1-1734592-4
0.5mm FPC Connectors



TE Part #2000713-1
RA Keyed Guide Mod, Vita 46, Machined



TE Part #87456-6
10 MODIV HSG DR MRKD .100CL



TE Part #1734100-7
Champ050 series,68pos,Au over PdNi



TE Part #1734098-7
Champ050 68p A/P RCPT 25CL PB



TE Part #1-2328724-5
15PIN 0.3MMP FPC CONNECTOR, FRONT FLIP



TE Part #3-88189-0
010 HOUSING FFC PIN DR 100CL



TE Part #5516930001
RPS-1K-6-250/2.0-9



TE Part #384872-E
SRCP 1,27 4 M 1 I2426 137 * 094 1,07 TRA

Documents

Product Drawings

FFC PIN ROUND WIRE PLTD AU15

English

CAD Files

Customer View Model

ENG_CVM_CVM_86656-2_AF.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_86656-2_AF.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_86656-2_AF.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Extraction Tool for Flexible Flat Cable (FFC)

English